



MODEL SEG-13R SUPPLY PERFORMANCE DATA

1/2" Openings

DUCT SIZE	DUCT AREA	Ps	0.04	0.07	0.10	0.13	0.17	0.21	0.26
6 x 6	0.25	CFM	40	50	60	70	80	90	110
		NC	<20	<20	<20	<20	<20	<20	21
8 x 8	0.44	CFM	80	100	120	140	160	180	200
		NC	<20	<20	<20	<20	<20	20	24
10 x 8	0.56	CFM	100	120	150	170	200	220	250
		NC	<20	<20	<20	<20	<20	21	25
10 x 10	0.69	CFM	130	160	190	220	250	280	310
		NC	<20	<20	<20	<20	<20	22	26
12 x 12	1.00	CFM	180	230	280	320	370	410	460
		NC	<20	<20	<20	<20	20	24	27
14 x 14	1.36	CFM	250	320	380	440	510	570	630
		NC	<20	<20	<20	<20	22	25	29
18 x 14	1.75	CFM	330	410	490	570	660	740	820
		NC	<20	<20	<20	<20	23	27	30
18 x 18	2.25	CFM	430	530	640	740	850	960	1060
		NC	<20	<20	<20	20	24	28	31
20 x 20	2.78	CFM	530	660	790	920	1060	1190	1320
		NC	<20	<20	<20	21	25	29	32
22 x 22	3.36	CFM	640	800	960	1120	1280	1440	1610
		NC	<20	<20	<20	21	26	29	33
24 x 24	4.00	CFM	770	960	1150	1340	1530	1730	1920
		NC	<20	<20	<20	22	26	30	34

PERFORMANCE NOTES:

- Data derived from tests conducted in accordance with ANSI/ASHRAE Standard 70 - 1991
- Duct size is the nominal size. Actual size used in testing is nominal size – 1/4"
- NC – noise criteria based on room attenuation of 10 dB
- For return use, -Ps = Ps (above) x 1.2
- For return use, NC = NC (above) + 2
- For sizes not listed, reference the listed size with closest duct area or consult factory